WHAT IS CLAIMED IS:

1. A lens apparatus comprising:

a lens;

a lens holding member which holds the lens;

a stop blade which changes an area of a light-passing aperture;

an optical filter which inserts and removes with respect to a region opposed to the light-passing aperture; and

a shutter blade which opens and closes the light-passing aperture,

wherein at least one member of the stop blade, the optical filter and the shutter blade is arranged at one end side of the lens holding member and the other member is arranged at the other end side of the lens holding member.

2. The lens apparatus according to claim 1, further comprising:

a stop driving unit which drives the stop blade;

a filter driving unit which drives the optical filter; and

a shutter driving unit which drives the shutter blade,

wherein the stop driving unit, the filter driving unit and the shutter driving unit are arranged on outside of the lens holding member and between one member and the other member.

3. The lens apparatus according to claim 2, wherein the stop driving unit, the filter driving unit and the shutter driving unit are arranged in the circumferential direction of the lens holding member.

4. The lens apparatus according to claim 1, further comprising:

a first member which rotates around an optical axis and transmits a driving power to the lens holding member; and

a second member which includes a first engaging portion to guide the lens holding member in the direction of the optical axis,

wherein the lens holding member includes a second engaging portion which extends in the direction of the optical axis and engages with the first engaging portion.

5. A camera comprising:

a lens;

a lens holding member which holds the lens;

a stop blade which changes an area of a light-passing aperture;

an optical filter which inserts and removes with respect to a region opposed to the light-passing aperture;

a shutter blade which opens and closes the light-passing aperture; and

an image pickup element which photoelectrically converts an object image formed by the lens into an electric

signal,

wherein at least one member of the stop blade, the optical filter and the shutter blade is arranged at one end side of the lens holding member and the other member is arranged at the other end side of the lens holding member.

6. The camera according to claim 5, further comprising:

a stop driving unit which drives the stop blade;

a filter driving unit which drives the optical filter; and

a shutter driving unit which drives the shutter blade,

wherein the stop driving unit, the filter driving unit and the shutter driving unit are arranged on outside of the lens holding member and between one member and the other member.

7. The camera according to claim 6, wherein the stop driving unit, the filter driving unit and the shutter driving unit are arranged in the circumferential direction of the lens holding member.

8. The camera according to claim 5, further comprising:

a first member which rotates around an optical axis and transmits a driving power to the lens holding member; and

a second member which includes a first engaging portion to guide the lens holding member in the direction of the optical axis,

wherein the lens holding member includes a second engaging portion which extends in the direction of the optical axis and engages with the first engaging portion.

9. A camera system comprising:

the lens apparatus according to claim 1; and

a camera comprising an image pickup element which photoelectrically converts an object image formed by lens in the lens apparatus into an electric signal.